

What is claimed is:

1. A clock-driving device combined with a conventional core, comprises:

a conventional core device, operated with a conventional core and displaying time with hands;

5 a power supply, for supplying electric power to said core and a motor;

a magnet, provided at an appropriate position on the second hand of said conventional core device;

a reed sensing device, provided at an appropriate position on said conventional core;

10 a motor, provided in the same loop as the reed sensing device such that it can be triggered to rotate and output;

a micro-motive device, comprising a micro-switch, a teeterboard member and a gear engaged with said motor to drive the output rotational mandrel, wherein a protuberance is provided on said gear, and wherein as the teeterboard member is driven to press down or release a button, the micro-switch will be
15 switched and thus change the communication path of the motor loop;

wherein, by providing said magnet on the hand of said conventional core, and providing said reed sensing device at a suitable position in the moving path of said magnet, as said magnet entering the sensing region of said reed sensing device, sensing said magnet by said reed sensing device will generate a
20 communication path, and then triggers said motor to drive said micro-motive device as well as to rotate (the rotational mandrel) to output; and wherein, as said motor driving said rotational mandrel to accomplish one action, said micro-motive device will interrupt said communication path so as to save electric power.

2. A clock-driving device combined with a conventional core as recited in claim 1, wherein more than one of said reed sensing devices are provided.
3. A clock-driving device combined with a conventional core as recited in claim 1, wherein different type of said motor and power supply are employed depending on the size of a clock so as to supply sufficient driving power.
4. A clock-driving device combined with a conventional core as recited in claim 1, wherein said conventional core uses a same power supply with said motor to achieve the purpose of simplification.
5. A clock-driving device combined with a conventional core as recited in claim 1, wherein said conventional core uses a power supply different with the power supply used by said motor to extend the service life of the battery.
6. A clock-driving device combined with a conventional core as recited in claim 1, wherein said protuberance on said gear of said micro-motive device is provided at various position and radian to adjust output clock.